

Data Sources – 2002 State Fact Book

State Energy Data and Ranking

U.S. Department of Energy

Energy Information Administration – State Energy Report, 2001

State Economic Data

American Chemistry Council

Guide to the Business of Chemistry, 2001

U.S. Department of Agriculture

Economic Research Service, 1999

U.S. Department of Commerce

Annual Survey of Manufacturing, 1999

Bureau of Economic Analysis, 1999

County Business Patterns, 1999

Economic Census, 1997

U.S. Department of Energy

Energy Information Administration – Coal Industry Annual, 1999

U.S. Geological Survey

Minerals Yearbook, Statistical Summary, 1999

Specific State Economic Data

Colorado Metal Casting Data – Data only includes non-ferrous castings.

Connecticut Metal Casting Data – Data only includes ferrous castings.

Kentucky Aluminum, Chemical, Forest Products Data –

University of Kentucky Center for Business and Economic Research;

Study conducted by Jon Roenker.

Massachusetts Metal Casting Data

Harris Info Source, Manufacturers New England Region Directory on CD-ROM, 2001.

According to Harris, which is not complete, there are 4,273 employees in SICs 3321, 3322, 3341, 3363, 3365, 3366, 3369, 3396, 3398, 3399, 3423, 3462, 3463, 3479, 3494, 3499, 3543, 3544, 3567, 3599. Harris also has a reported gross value of shipments at \$521,082,000. Some major players are not listed and, based on number of employees, it's estimated that the actual value of shipments exceeds \$726,000,000. Harris does not list employee wages, however, the state's analysis

suggests that the wages for this increased number of employees is approximately \$148,200,000.

Mississippi Metal Casting Data – Data only includes non-ferrous castings.

Nebraska Metal Casting Data – Data only includes ferrous castings.

New Mexico Metal Casting Data – Data only includes copper castings.

Tennessee Forest Products Data – SIC codes used: 241-245, 249, 251-254, 259, 261-263, 265, 267

Utah Metal Casting Data – Data only includes ferrous castings.

North American Industrial Classification System (NAICS) codes representing the IOF strategy:

Agriculture

The Industrial Technology program's IOF Agriculture initiative with U.S. industry focuses on the use of crops, trees, and their waste residues to manufacture industrial chemicals and related consumer goods. NAICS code designations do not represent the scope of the initiative; therefore, data was collected from the Bureau of Economic Analysis and the Economic Research Service.

Aluminum

3313 Alumina and Aluminum Production and Processing

Chemical

The IOF Chemical team wished to substitute their industry's publication, *Guide to the Business of Chemistry*, for NAICS designation and U.S. Department of Commerce data.

Forest Products

113 Forestry and Logging (Not Used in This Publication)
321 Wood Product Manufacturing
322 Paper Manufacturing

Glass

3272 Glass and Glass Product Manufacturing

Metal Casting

3315 Foundries

Mining

Mining data on employees and wages were obtained from the Bureau of Economic Analysis. These numbers do not include information on oil and gas. Value of shipments data were obtained by adding the value of shipments for coal (U.S. Department of Energy, Energy Information Administration) to the value of shipments for non-fuel minerals (U.S. Geological Survey, Minerals Yearbook, Statistical Summary 1999). Non-fuel minerals data do not include cement, dimension stone, or helium.

Petroleum

- 3241 Petroleum and Coal Products Manufacturing (Petroleum Value of Shipments)
- 32411 Petroleum Refineries (Petroleum Employee and Wages)

Steel

- 3311 Iron and Steel Mills and Ferroalloy Manufacturing
- 3312 Steel Product Manufacturing from Purchased Steel